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	Application No.	Applicant(s)
Netter CAllematic	10/743,483	HAN ET AL.
Notice of Allowability	Examiner	Art Unit
	Steven J. Fulk	2891
The MAILING DATE of this communication appoints and all claims being allowable, PROSECUTION ON THE MERITS IS therewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT Report the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this ap or other appropriate communication IGHTS. This application is subject t	plication. If not included n will be mailed in due course. THIS
1. $igotimes$ This communication is responsive to <u>the application filed c</u>	on 22 December 2003.	
2. 🔀 The allowed claim(s) is/are <u>1-8</u> .		
3. $igotimes$ The drawings filed on 22 December 2003 are accepted by	the Examiner.	
4. Acknowledgment is made of a claim for foreign priority u a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have 3. Copies of the priority documents have 4. Copies of the priority documents have 3. Copies of the priority documents have 4. Copies of the priority documents have 5. Copies of the priority documents have 6. Copies of the priority documents have 6. Copies of the priority documents have 6. A SUBSTITUTE MONTHS FROM THE "MAILING DATE" 6. A SUBSTITUTE OATH OR DECLARATION must be submined in the priority of the priority documents have a submined for the priority documents have a submined by the notice of Draftsper 6. Copies of the priority document sheets") mu 6. Copies of the priority document have a submined by the notice of Draftsper 6. Copies of the priority document have a submined by the notice of Draftsper 6. Copies of the priority document have a submined by the notice of Draftsper 6. Copies of the priority document have a submined by the notice of Draftsper 7. Deposit of and/or INFORMATION about the deposit of the priority document have a submined by the notice of Draftsper 8. Copies of the priority document have a copies of the priority documents have a copies	e been received. e been received in Application No cuments have been received in this of this communication to file a reply MENT of this application. nitted. Note the attached EXAMINER es reason(s) why the oath or declars st be submitted. son's Patent Drawing Review (PTO _ C's Amendment / Comment or in the G 1.84(c)) should be written on the draw the header according to 37 CFR 1.121 posit of BIOLOGICAL MATERIAL	national stage application from the complying with the requirements R'S AMENDMENT or NOTICE OF ation is deficient. -948) attached Office action of ings in the front (not the back) of (d). must be submitted. Note the
Attachment(s) 1. ☑ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☑ Information Disclosure Statements (PTO-1449 or PTO/SB/Paper No./Mail Date March 2004 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material	6. ☐ Interview Summary Paper No./Mail Da 08), 7. ⊠ Examiner's Amend	ate
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Art Unit: 2891

DETAILED ACTION

Page 2

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

In the claims:

Claim 2, after 300 Å, insert --.--.

Claim 3, after 100 Å, insert --.--.

Claim 8, after 60 Å, insert --.--.

Allowable Subject Matter

2. Claims 1-8 are allowed.

The following is an examiner's statement of reasons for allowance: The admitted prior art discloses all elements of the claims except performing the second implant through the gate oxide and subsequently performing a second anneal. A search of the relevant art found that Ramkumar et al. '484 also discloses the elements of the claims except for performing the second implant through a gate oxide and performing a second anneal. Owens et al.

Art Unit: 2891

'665 discloses a method for double doping an EPROM device comprising implanting two ions and subsequently performing a single anneal for both implants, but fails to teach performing an intermittent anneal between implants and then growing a tunnel oxide on top of a gate oxide. Yamada et al. '173 discloses a method of manufacturing a non-volatile semiconductor memory device wherein a tunnel oxide is grown directly on a silicon substrate, but does not show performing a second implant with a subsequent second anneal, and then forming a tunnel oxide on top of a gate oxide.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Steven J. Fulk whose telephone number is (571) 272-8323. The examiner can normally be reached on Monday through Friday, 8:00am to 5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bill Baumeister can be reached on (571) 272-1722.

Application/Control Number: 10/743,483

Art Unit: 2891

The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

sjf 6/9/05

B. WILLIAM BAUMEISTER
SUPERVISORY PATENT EXAMINED

Page 4